Claims

1. A vacuum housing (13) for a magnetic resonance apparatus (1) with a recess (25) for leading through lead wires (21, 29, 39) to elements (11) inside the vacuum housing (13) and with at least one first lead-through module (23A), characterized in that the first lead-through module (23A) has a first cover plate (31A), which is configured to seal the recess (25) in a vacuum-tight manner together with at least a second cover plate (31B) and that the first lead-through module (23A) has a first structural component (21), which is to be led at least partially through the recess (25) during assembly of the lead-through module (23A) and whose dimensions define the minimum size of the recess (25) required for assembly, which is greater than that of the first cover plate (31A).

2. The vacuum housing (13) as claimed in claim 1, characterized in that the first lead-through module (23A) has at least one inflexible gradient line (21A, ..., 21C) as the first component (21).

3. The vacuum housing (13) as claimed in claim 1 or 2, characterized in that the second cover plate (31B) is part of a second lead-through module (23).

4. The vacuum housing (13) as claimed in claim 3, characterized in that the second lead-through module (23B) has a drawer-type lead unit (35), which is configured in particular to lead a high-frequency, temperature signal line and/or a shim control line

(29).

5. The vacuum housing (13) as claimed in one of claims 1 to 4,
characterized in that
the recess (25) is arranged low down in the vacuum housing (13).

6. The vacuum housing (13) as claimed in one of claims 1 to 5,
characterized in that
the vacuum housing (13) is configured outward in the region of the recess (25) in the form of a scoop to accommodate the lead wires (21, 29, 39).